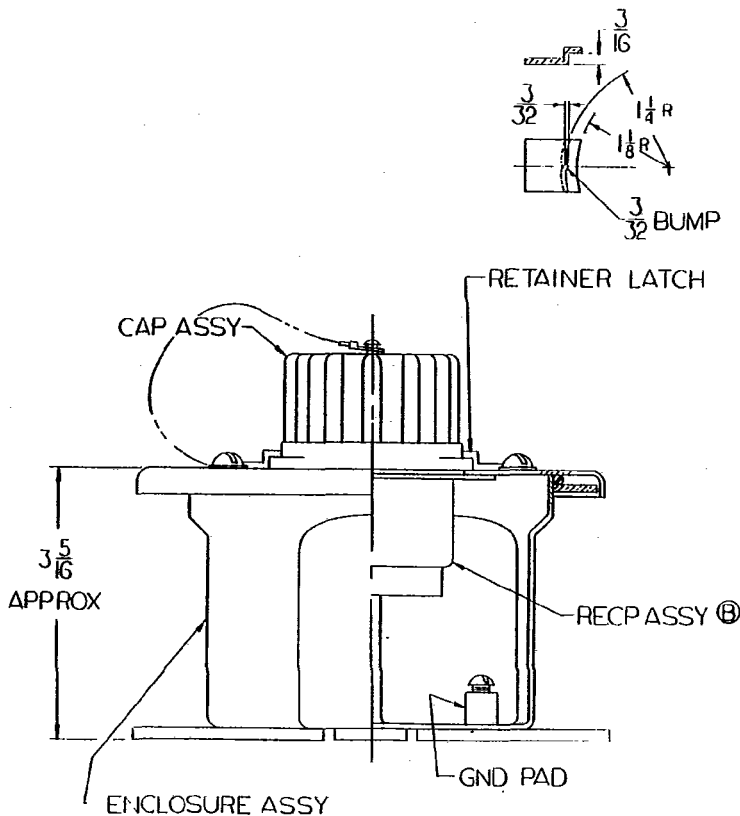


MILITARY SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, ENCLOSED, 3-PIN GROUNDED,
 50-AMPERE, 250-VOLT, DIRECT CURRENT
 (SYMBOL NOS. 1146.1, 1146.2 AND 1146.3)

- (B) This specification is approved for use within the Naval Sea Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.
- (B) The requirements for acquiring the receptacle described herein shall consist of this specification and the latest issue of MIL-R-2726.



SH 9090A

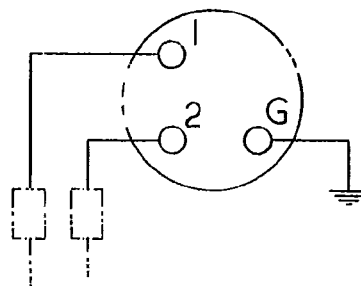
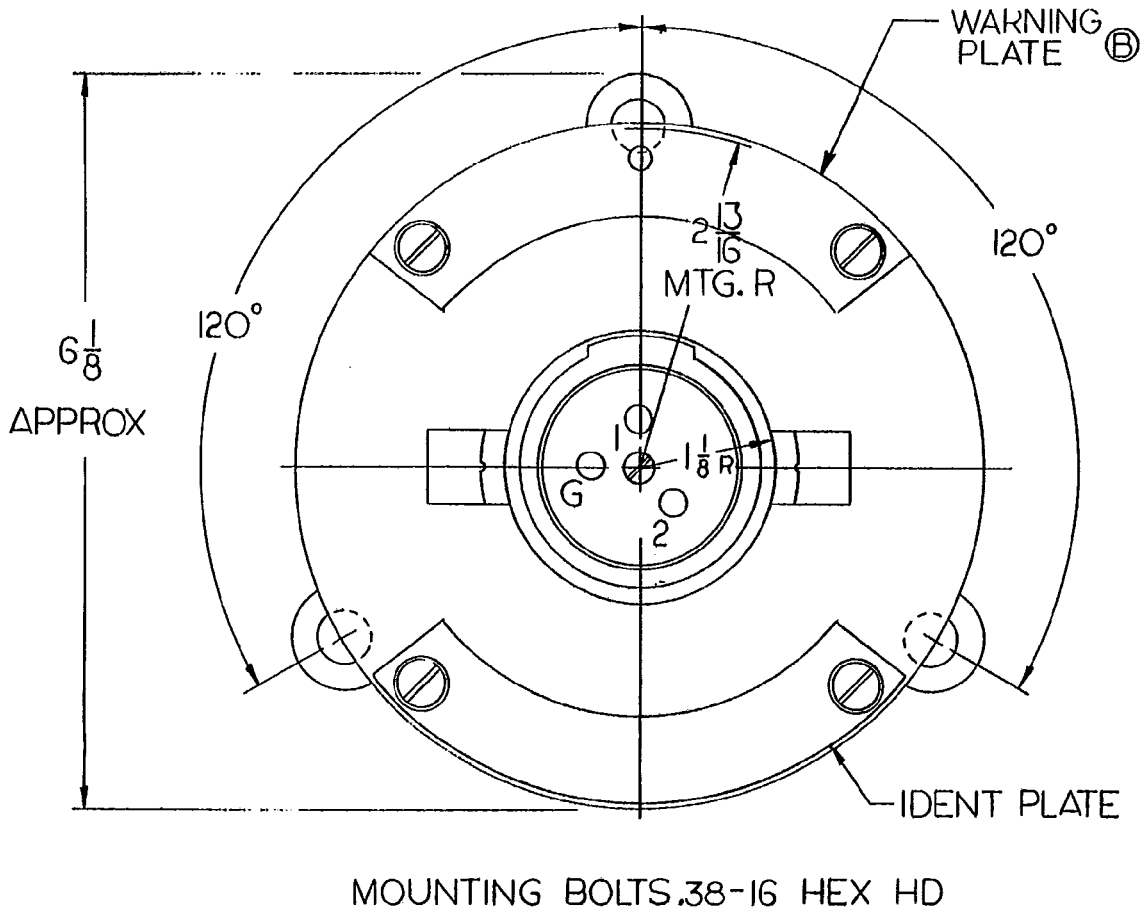
(B) FIGURE 1. Receptacle (symbol 1146.1 shown).

(B) denotes changes.

AMSC N/A

FSC 5935

DISTRIBUTION STATEMENT A Approved for public release; distribution unlimited



WIRING DIAGRAM

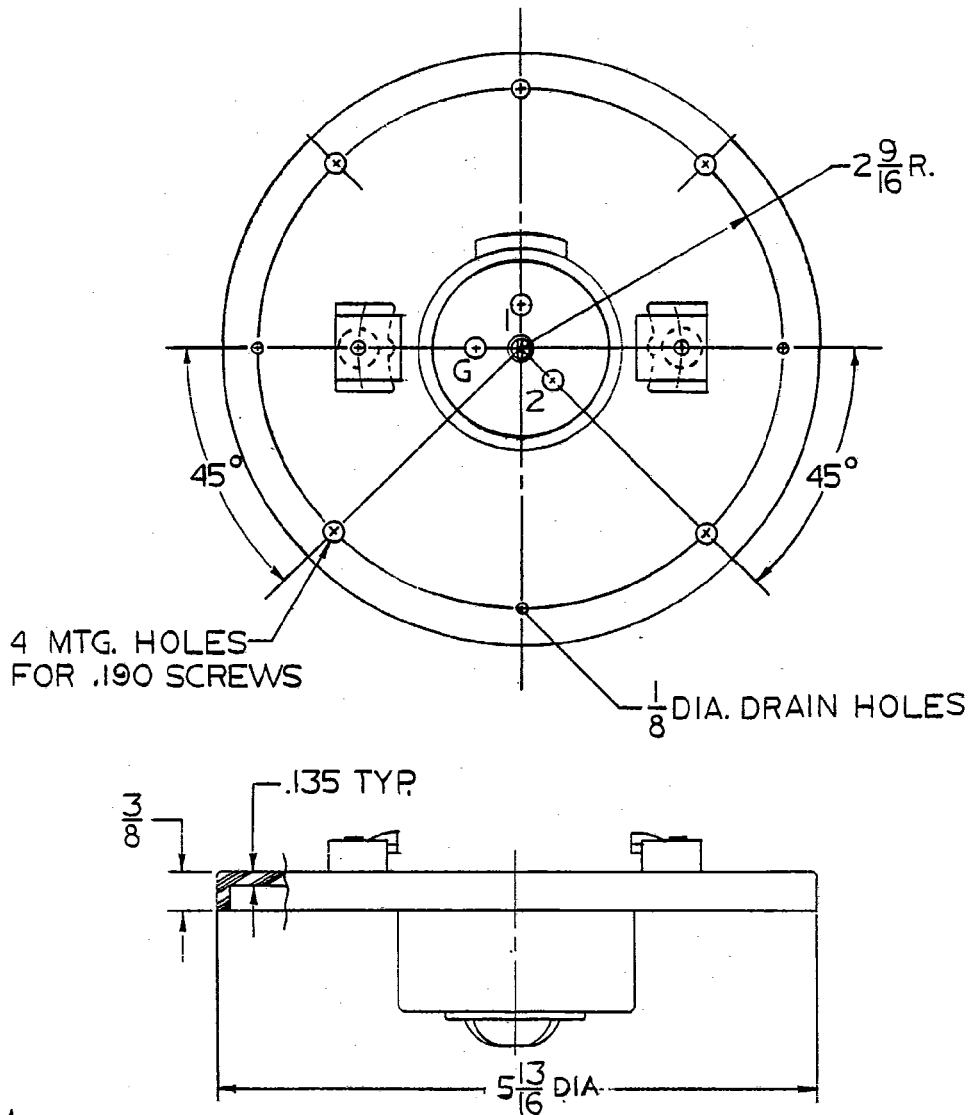
SH 9090-1

NOTE:

1. Dimensions are in inches. Unless otherwise specified, tolerances are $\pm 1/64$ inch. Angular tolerance is $\pm 1/2$ degree.
2. Supersedes: Drawing 815-1197213, symbol 1146.

(B) FIGURE 1. Receptacle (symbol 1146.1 shown). - Continued

MOLDED PLASTIC RECEPTACLE
(SAME AS FIGURE 1 EXCEPT AS SHOWN)



SH 9091A

NOTE:

1. Dimensions are in inches. Unless otherwise specified, tolerances are $\pm 1/64$ inch. Angular tolerance is $\pm 1/2$ degree.

FIGURE 2. Cover and receptacle integral (plastic).

REQUIREMENTS:

1. Dimensions and configurations: See figures 1 and 2.
2. Effectiveness of enclosure: Watertight in accordance with MIL-STD-108.
3. Enclosure assembly: See table I.
4. Receptacle unit: See table I.
5. Material: For symbol number 1146.3, box and cover with receptacle unit, integral, shall be of molded plastic in accordance with type MAI-60 of MIL-M-14.
6. Cap assembly: MIL-R-2726/13, part number M2726/13-001.
7. Mating plug: MIL-R-2726/2, part number M2726/2-001 (not furnished).
8. Electrical rating: 50-ampere, 250-volt, direct current.
9. Part numbers: See table I.

TABLE I. Assembly parts.

Part number	Symbol number	Box	Cover	Receptacle unit
M2726/15-001	1146.1	M24142/5-002 (metal)	M24142/5-002 (metal)	M2726/8-001 (metal housing)
M2726/15-002	1146.2	M24142/5-002 (metal)	M24142/5-002 (metal)	M2726/8-002 (plastic)
M2726/15-003	1146.3	Molded plastic (see requirement 5)	(See requirement 5) (B)	M2726/18-002 (integral with cover) (B)
M2726/15-004	----	----	(B)	See figure 2

(B) QUALITY ASSURANCE:

Quality assurance shall be as specified in MIL-R-2726 and table II herein. The first article and quality conformance inspections shall consist of the inspections as specified in table II, in the order shown.

TABLE II. First article and quality conformance inspection.

Inspection	Requirement	Test method	First article	Quality conformance
Examination	3.1, 3.3, 3.4, 3.5, 3.6 and 3.7	4.6.1	X	X
Vibration	3.5.9	4.7.9	X	
Shock	3.5.10	4.7.10	X	
Salt spray	3.5.11	4.7.11	X	
Effectiveness of enclosure	3.5.4	4.7.4	X	X

Preparing activity:
Navy - SH
(Project 5935-N255-16)